

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	3	1160119A	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/08 17:12
S2	5	"1160119" adj a	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/08 17:13
S3	12	"1160119"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/08 17:14
S4	3	"9946139"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/08 17:14
S5	1	1999-552068.NRAN.	DERWENT	OR	ON	2006/09/08 17:16
S6	1120	tabata-atsushi.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/08 17:23
S7	9	S6 and taga-yutaka.in. and nakamura-seiji.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/08 17:23
S8	76	loeffler-juergen.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/11 07:09
S9	28	hoetzer-dieter.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/11 07:11
S10	16499	"ROBERT BOSCH GMBH".as.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/11 07:12

## EAST Search History

S11	284	S10 and hybrid	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/11 07:12
S12	12	S11 and ((negative or brak\$3) near3 torque)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/11 07:21
S13	293	S10 and ((negative or brak\$3) near3 torque)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/11 09:00
S14	281	S13 not S12	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/11 07:21
S15	143	S14 and engine and (motor or generator)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/11 07:22
S16	142	S15 not S8 not S9	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/11 07:23
S17	128	S16 and method	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/11 07:45
S18	238	S8 S9 S12 S17	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/11 07:47
S20	2	903/930	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/11 07:49
S21	4	903/940	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/11 07:49

## EAST Search History

S22	6	903/941	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/11 08:03
S23	11	903/942	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/11 08:04
S24	2	903/945	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/11 08:04
S25	1	903/946	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/11 08:04
S26	0	903/947	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/11 08:37
S27	253	S18 S20 S21 S22 S23 S24 S25 S26	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/11 08:20
S28	2	"6089677".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/11 08:35
S29	12	"1160119"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/11 08:36
S30	0	99/46139	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/11 08:36
S31	3	"9946139"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/11 08:36

## EAST Search History

S33	0	903/930.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/11 08:40
S34	2924	903/940.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/11 08:40
S35	446	S34 and ((negative or brak\$3) near3 torque)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/11 10:59
S36	321	S35 and method	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/11 09:03
S37	280	S36 and ((motor or generator or engine) with brak\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/11 09:54
S38	276	S37 not S27	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/11 09:53
S39	529	S27 S38	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/11 09:53
S40	3030	903/941.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/11 09:53
S41	2793	S40 not S39	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/11 09:53
S42	1	S31 and ((negative or brak\$3) near3 torque)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/11 10:36

## EAST Search History

S43	770	S41 and ((motor or generator or engine) with brak\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/11 09:55
S44	344	S43 and method	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/11 09:55
S45	343	S44 and (hybrid or (engine and (motor or generator)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/11 11:05
S46	872	S45 S39	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/11 10:35
S47	3902	903/942.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/11 10:35
S48	3345	S47 not S46	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/11 10:35
S49	250	S48 and ((negative or brak\$3) near3 torque)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/11 10:36
S50	83	S49 and method	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/11 10:37
S51	179	S49 and (method or step)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/11 10:50
S52	1051	S51 S46	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/11 10:59

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S53	1117	903/945.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/11 10:59
S54	871	S53 not S52	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/11 10:59
S55	63	S54 and ((negative or brak\$3) near3 torque)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/11 11:41
S56	808	S54 not S55	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/11 11:05
S57	328	S56 and (method or steps)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/11 11:05
S58	291	S57 and (hybrid or (engine and (motor or generator)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/11 12:08
S59	221	S58 and torque	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/11 11:15
S60	1117	S53 S55 S59	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/11 11:15
S61	1194	903/946.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/11 11:15
S62	774	S61 not S60	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/11 11:15

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S63	87	S62 and ((negative or brak\$3) near3 torque)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/11 11:25
S65	314	S62 and (method step)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/11 11:26
S66	237	S65 not S63	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/11 11:26
S67	203	S66 and (hybrid or (engine and (motor or generator)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/11 11:32
S68	1407	S60 S63 S67	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/11 11:41
S69	646	903/947.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/11 11:41
S70	482	S69 not S68	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/11 11:41
S71	118	S70 and ((negative or brak\$3) near3 torque)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/11 12:06
S72	1525	S68 S71	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/11 11:59
S73	134	477/4.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/11 11:59

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S74	124	S73 not S72	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/11 12:05
S75	1649	S74 S72	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/11 12:05
S76	378	477/5.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/11 12:05
S77	244	S76 not S75	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/11 12:05
S78	26	S77 and ((negative or brak\$3) near3 torque)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/11 12:06
S79	97	S77 and (hybrid or (engine and (motor or generator)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/11 12:09
S80	77	S79 not S78	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/11 12:23
S81	1752	S75 S78 S80	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/11 12:23
S82	110	477/183.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/11 12:23
S83	104	S82 not S81	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/11 12:28



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S84	1856	S81 S83	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/11 12:29
S85	122	477/184.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/11 12:29
S86	117	S85 not S84	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/11 12:35
S87	1973	S84 S86	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/11 12:36
S88	209	477/185.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/11 12:36
S89	202	S88 not S87	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/11 12:42
S90	2175	S87 S89	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/11 12:43
S91	240	477/203.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/11 12:44
S92	221	S91 not S90	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/11 12:58
S93	2396	S90 S92	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/11 12:58

## EAST Search History

S94	14	("4335429"   "5335743"   "5530651"   "5646841"   "5789823"   "5839533"   "5915801"   "5924508"   "6116363"   "6134498"   "6155365"   "6175797").PN. OR ("6719076").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/11 15:48
S95	9	("5355749"   "5644200"   "5720690"   "5839533"   "5844201"   "5915801").PN. OR ("6459980"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/11 15:57